

Amendments to the Claims:

1. (Currently Amended) A method of testing a mobile telephone terminal comprising the steps of:

transmitting from a test apparatus to the terminal on a downlink a predetermined data pattern which the terminal will recognise and which will prompt the terminal to transmit an access request on an uplink,

the terminal receiving said predetermined data pattern and responding by transmitting an access request to the test apparatus on the uplink, and

the test apparatus receiving the access request and analyzing the access request to assess the performance of the terminal based upon assessment of the access request alone, the test apparatus transmitting said predetermined data pattern multiple times at different power levels, and the test apparatus analyzing each access request to determine a power level threshold at which the terminal fails to transmit an access request.

2. (Original) A method as claimed in claim 1 in which multiple predetermined data patterns are provided for testing the terminal under different operating conditions, each data pattern prompting a different response from the terminal in transmitting an access request.

3. (Original) A method as claimed in claim 2 in which said multiple predetermined data patterns are such that they each prompt the terminal to transmit an access request at a different power level.

4. (Original) A method as claimed in claim 2 in which said multiple predetermined data patterns are such that they each specify a different maximum number of times the terminal should send an access request if the terminal receives a response to none of them.

5. (Canceled)

6. (Previously Presented) A method as claimed in claim 1 in which said predetermined data pattern is transmitted to the terminal on a cable connection.

7. (Original) A method as claimed in claims 1 in which said predetermined data pattern is transmitted to the terminal over an air interface.

8. (Original) A method as claimed in claim 7 in which the air interface is screened from other signals.

9. (Previously Presented) A method as claimed in claim 1 in which the access request is analyzed by a power measurement.

10. (Previously Presented) A method as claimed in claim 1 in which the access request is analyzed by a modulation quality measurement.

11. (Currently Amended) Test apparatus for testing a mobile telephone terminal, the test apparatus being structured and arranged to transmit a predetermined data pattern on a downlink to prompt a response from the terminal in the form of an access request on an uplink, the test apparatus being structured and arranged to analyze the access request and produce a test result based upon assessment of the access request alone, the test apparatus being adapted to vary the power level at which said predetermined data pattern is transmitted and to analyze each access request from the terminal to determine a power level threshold at which the terminal fails to transmit an access request.

12. (Original) Test apparatus as claimed in claim 11 which generates multiple predetermined data patterns for testing the terminal under different operating conditions of transmission power level and/or maximum number of access requests to be transmitted if there is no response to any of them.

13. (Canceled)

14. (Previously Presented) Test apparatus as claimed in claim 11 which is connected to the terminal to transmit said predetermined data pattern either by a cable connection or an air interface.

15. (Previously Presented) Test apparatus as claimed in claim 11 which is adapted to analyze the access request by making a power measurement.

16. (Previously Presented) Test apparatus as claimed in claim 11 which is adapted to analyze the access request by making a modulation quality measurement.

17. (Currently Amended) Test apparatus for testing a mobile telephone terminal, the test apparatus comprising a memory to store a predetermined data pattern and a transmitter to transmit said predetermined data pattern on a downlink to said mobile telephone terminal in order to prompt a response from said mobile telephone terminal in the form of an access request on an uplink to the test apparatus, a receiver to receive said access request on the uplink from the terminal, and a processor to analyze said access request and produce an assessment of the performance of the terminal based upon assessment of the access request alone, the test apparatus being adapted to vary the power level at which said predetermined data pattern is transmitted and to analyze each access request from the terminal to determine a power level threshold at which the terminal fails to transmit an access request.

18. (Currently Amended) A method of testing a mobile telephone terminal comprising the steps of:

transmitting from a test apparatus to the terminal on a downlink a predetermined data pattern which the terminal will recognise and which will prompt the terminal to transmit an access request on an uplink,

the terminal receiving said predetermined data pattern and responding by transmitting to the test apparatus an access request, and

the test apparatus receiving said access request and analyzing it to assess the performance of the terminal based upon assessment of the access request and without replying to the terminal in response to said access request, and

the test apparatus transmitting said predetermined data pattern multiple times at different power levels, and the test apparatus analyzing each access request to determine a power level threshold at which the terminal fails to transmit an access request.

19. (Currently Amended) Test apparatus for testing a mobile telephone terminal comprising:
a memory for storing a predetermined data pattern,

a generator for generating a signal corresponding to said predetermined data pattern on a downlink, said signal being adapted to be recognisable by the terminal and to trigger it to transmit an access request on an uplink, and

a detector for detecting and analyzing said access request to assess the performance of the terminal, ~~the~~ and without replying to the terminal in response to said access request,

the test apparatus being adapted to vary the power level at which said predetermined data pattern is transmitted and to analyze each access request from the terminal to determine a power level threshold at which the terminal fails to transmit an access request.

20. (New) A method of testing a mobile telephone terminal comprising the steps of:

transmitting from a test apparatus to the terminal on a downlink a predetermined data pattern which the terminal will recognise and which will prompt the terminal to transmit an access request on an uplink,

the terminal receiving said predetermined data pattern and responding by transmitting an access request to the test apparatus on the uplink,

the test apparatus receiving the access request and analyzing the access request to assess the performance of the terminal based upon assessment of the access request alone, the test apparatus analyzing the access request by a modulation quality measurement.

21. (New) Test apparatus for testing a mobile telephone terminal, the test apparatus being structured and arranged to transmit a predetermined data pattern on a downlink to prompt a response from the terminal in the form of an access request on an uplink, the test apparatus being structured and arranged to analyze the access request and produce a test result based upon assessment of the access request alone, the test apparatus being adapted to analyze the access request by making a modulation quality measurement.

22. (New) A method as claimed in claim 20 in which the modulation quality measurement comprises one of: vector value, spectral characteristics, adjacent channel power, occupied bandwidth, and spurious signals.

23. (New) Test apparatus as claimed in claim 21 in which the test apparatus comprising a memory to store a predetermined data pattern and a transmitter to transmit said predetermined data pattern on a downlink to said mobile telephone terminal in order to prompt a response from said mobile telephone terminal in the form of an access request on an uplink to the test apparatus, a receiver to receive said access request on the uplink from the terminal, and a processor to analyze said access request and produce an assessment of the performance of the terminal based upon assessment of the access request alone, the test apparatus being adapted to vary the power level at which said predetermined data pattern is transmitted and to analyze each access request from the terminal to determine a power level threshold at which the terminal fails to transmit an access request.

24. (New) Test apparatus for testing a mobile telephone terminal, the test apparatus comprising a memory to store a predetermined data pattern and a transmitter to transmit said predetermined data pattern on a downlink to said mobile telephone terminal in order to prompt a response from said mobile telephone terminal in the form of an access request on an uplink to the test apparatus, a receiver to receive said access request on the uplink from the terminal, and a processor to analyze said access request and produce an assessment of the performance of the terminal based upon assessment of the access request alone, the test apparatus being adapted to analyze the access request by making a modulation quality measurement.

25. (New) A method of testing a mobile telephone terminal comprising the steps of:

transmitting from a test apparatus to the terminal on a downlink a predetermined data pattern which the terminal will recognise and which will prompt the terminal to transmit an access request on an uplink,

the terminal receiving said predetermined data pattern and responding by transmitting to the test apparatus an access request,

the test apparatus receiving said access request and analyzing it to assess the performance of the terminal based upon assessment of the access request and without replying to the terminal in response to said access request,

the test apparatus receiving the access request and analyzing the access request to assess the performance of the terminal based upon assessment of the access request alone, the test apparatus analyzing the access request by a modulation quality measurement.